Developing a Set of Data Dashboards to Respond to Emerging Institutional Planning Needs

RP Group Conference
April 3, 2019

Katy Wilson  Associate Researcher, Monterey Peninsula College
Rosaleen Ryan  Acting Dean of Planning, Research, & Institutional Effectiveness, Monterey Peninsula College
Catherine Webb  Senior Dean of College Planning and Institutional Effectiveness, Grossmont College
Reflection question:
How developed is your college’s culture of data-informed planning and decision-making?
Learn how MPC’s PRIE Office planned and developed a set of core institutional data dashboards in Power BI

Discuss strategies for contributing to a data-informed culture of planning and decision-making

Address Power BI data modeling techniques with the growing community of Power BI users in the CCC system
Presentation Overview

- Framework for planning (10 min)
- High-level Strategies (10 min)
- Planning in action! (45 min)
- Conclusions & questions (10 min)

Additional topics:
- Educational Master Plan
- Guided Pathways
- AB705
Framework for planning
Chancellor’s Office Vision for Success establishes our “north star”

EMP establishes how MPC will strive to meet the Vision for Success

The Guided Pathways framework is the mechanism to achieve our EMP goals
Planning in action!
Educational Master Plan:
MPC Students’ Reported Residence
Linked interactive dashboards have been removed for public sharing, but we are happy to answer questions at PRIE@mpc.edu
Guided Pathways: MPC Students’ Educational Goals

Adult Ed/ESL Students
Students Seeking to Build Foundational Literacy, Quantitative, and English-language Skills

Degree/Transfer Students
Students Seeking to Earn a Two-Year and/or Four-Year Degree

Short-Term Career Ed Students
Students Seeking to Gain Career-Related Skills to Enter or Advance in Their Careers

Undecided/Other Students
Students with a Goal of Life-Long Learning, Fulfilling Requirements of a Four-Year Institution While Already Enrolled in a Four-Year Institution, or Those Undecided as to Their Goal
Linked interactive dashboards have been removed for public sharing, but we are happy to answer questions at PRIE@mpc.edu
Guided Pathways: MPC Transfers

Top 5 Transfer Destinations, 2013-14 to 2017-18

Linked interactive dashboards have been removed for public sharing, but we are happy to answer questions at PRIE@mpc.edu
AB705: English & Math Support

ENGL 400 Lab Usage: ENGL 111 grade by positive attendance & # of lab visits

This page displays lab usage information in ENGL 400. The bar graphs below display respondents' average positive attendance and number of visits for ENGL 400 by their grade in Accelerated ENGL 111. Hover over the visualizations and click the "down" arrows in the top left corner to see a detailed breakdown by grade.

Survey respondents in Timekeeper by Grade

45
Students in ENGL 111

Average Positive Attendance by Grade

Average Number of Visits by Grade

Linked interactive dashboards have been removed for public sharing, but we are happy to answer questions at PRIE@mpc.edu
Strategies for strengthening data-informed planning
Strengthening Data-Informed Planning: Framing & Communication

Data don’t drive (but keep them in the car)
- Let the research question(s) determine direction
- Refer to KPIs & other metrics for context & scope
- Take every opportunity to connect the dots
Strengthening Data-Informed Planning: Framing & Communication

Practice “conversational aikido”

● Avoid a defensive stance
● Use active listening
● Model openness to questions, dialogue, and unknowns
Help practitioners isolate the signal from the noise

- Use clean, visuals with consistent functionality
- Limit the complexity of each visual
- Provide clear documentation of visuals’ purpose
Strengthening Data-Informed Planning: Capacity & Confidence

Build a team of confident practitioners

- Engage and support interested faculty & staff
- Expand capacity & fluency through data coaching
- Provide clear documentation of sources & methodologies
Post-test:
What is one strategy you will use to develop your college’s data culture?
Questions & Discussion

Monterey Peninsula College
Planning, Research, & Institutional Effectiveness
PRIE@mpc.edu

Grossmont College
College Planning and Institutional Effectiveness
catherine.webb@gcccd.edu

Katy Wilson, MPA – Associate Researcher, Monterey Peninsula College
Rosaleen Ryan, Ph.D – Acting Dean of Planning, Research, and Institutional Effectiveness;
   Director of Institutional Research, Monterey Peninsula College
Catherine Webb, Ed.D – Senior Dean of College Planning and Institutional Effectiveness, Grossmont College